

**Notice of Allowability**

Application No.

09/846,920

Applicant(s)

BRODERSEN ET AL.

Examiner

Gregory J. Vaughn

Art Unit

2178

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 5/11/2007.
2. ☒ The allowed claim(s) is/are 1-6, 8, 11, 13 and 17-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

## REASONS FOR ALLOWANCE

### *Action Background*

1. This action is responsive to the amendment filed on 5/11/2007.
2. Applicant has cancelled claims 7, 9, 10, 12, 14-16 and 27-33 and amended claims 1-3, 6, 8, 11, 13, 17-19 and 22-24.
3. Claims 1-6, 8, 11, 13 and 17-26 are pending in the case, claims 1, 6, 11, 17 and 22 are independent claims.
4. The examiner's rejection of claims 7, 9, 10, 12, 14-16 and 27-33 is withdrawn in view of the canceled claims.
5. The examiner's rejection of claims 1-4, 6, 8, 11, 13, 17-20 and 22-25, made under 35 USC 102(e), as being anticipated by Williams, US Patent 6,591,272 is withdrawn in view of the amendments to the claims.
6. The examiner's rejection of claims 5, 20 and 26, made under 35 USC 103(a), as being unpatentable over Williams in view of Cseri et al., US Patent 6,708,164 is withdrawn in view of the amendment to the claims.

***Reasons for Allowance***

7. The following is an examiner's statement of reasons for allowance:

**Regarding independent claims 1, 6, 11, 17 and 22**, the prior art of record neither anticipates nor suggests to a person of ordinary skill, at the time the invention was made, the claimed method, apparatus, machine readable medium or system for modifying a database using an integration object instance as data input, where the integration object instance is built from a integration object schema, where the integration object schema defines an integration object as a plurality of components that are hierarchically related, and at least one component is a child of a parent component, and the integration object schema is extracted from a first database: where the integration object is used to modify a second database by comparing the parent component of the integration object with a record from the second database and modifying the record if the parent component matches the record; and finding child database records associated with the parent database records and comparing the child database record with the child integration object component and either modifying the child database record if a match is found or inserting a new database record if a match is not found.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Vaughn whose telephone number is (571) 272-4131. The examiner can normally be reached Monday to Friday from 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached at (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Gregory J. Vaughn/  
Patent Examiner  
July 22, 2007



STEPHEN HONG  
SUPERVISORY PATENT EXAMINER